

## 5. MAIN Electrical Parts List

Design LOC	SEC CODE	Description
D9000	0401-001110	DIODE-SWITCHING
ZD5005,ZD7000	0403-001870	DIODE-ZENER
D7002	0404-001250	DIODE-SCHOTTKY
D7000	0404-001394	DIODE-SCHOTTKY
D8000	0404-001669	DIODE-SCHOTTKY
D5001	0406-001239	DIODE-TVS
ZD5000,ZD5001,ZD9001	0406-001267	DIODE-TVS
ZD9002,ZD9003,ZD9004	0406-001267	DIODE-TVS
ZD9005,ZD9006	0406-001267	DIODE-TVS
ZD7001,ZD7002	0406-001293	DIODE-TVS
ZD9000	0406-001390	DIODE-TVS
ZD4000,ZD4001,ZD4004	0406-001413	DIODE-TVS
ZD4005,ZD4007,ZD4008	0406-001413	DIODE-TVS
ZD4009	0406-001413	DIODE-TVS
D4000,D4001,ZD4003	0406-001505	DIODE-TVS
ZD4006,ZD5003	0406-001505	DIODE-TVS
ZD5004	0406-001506	DIODE-TVS
ZD5002	0406-001561	DIODE-TVS
ZD5006	0406-001583	DIODE-TVS
D7001	0407-001002	DIODE-ARRAY
TR7001,TR7002	0504-001113	TR-DIGITAL
Q5001	0504-001171	TR-DIGITAL
Q7000	0505-001995	FET-SILICON
Q5000,Q5004,Q9000	0505-002341	FET-SILICON
Q100,Q4000	0505-002384	FET-SILICON
Q5003	0505-002388	FET-SILICON
Q5002	0505-002720	FET-SILICON
U4000	0801-003024	IC-CMOS LOGIC
U6012	0801-003079	IC-CMOS LOGIC
U6002	0801-003346	IC-CMOS LOGIC
U6015	0801-003435	IC-CMOS LOGIC
U5000,U7007	0801-003437	IC-CMOS LOGIC
UCP6001	0902-003015	IC-MICROPROCESSOR
U8004	0904-002738	IC-GRAPHIC CONT.
U4004	1001-001846	IC-ANALOG MULTIPLEX
U104	1003-002391	IC-LEVEL DRIVER

Design LOC	SEC CODE	Description
U6014	1006-001552	IC-BUS TRANSCEIVER
U103	1009-001058	IC-HALL EFFECT S/W
UCP6001UP	1105-002305	IC-DDR2 SDRAM
UME6000	1107-002239	IC-FLASH MEMORY
U2001	1201-003579	IC-GPS AMP
U4002	1202-001123	IC-VOLTAGE COMP.
U5004,U5007	1203-002250	IC-VOL. DETECTOR
FPC7000,U5006	1203-004776	IC-POSI.FIXED REG.
U6010,U9000	1203-004818	IC-POSI.FIXED REG.
U9002	1203-004819	IC-POSI.FIXED REG.
U9005	1203-005512	IC-POSI.FIXED REG.
U105	1203-005574	IC-POSI.FIXED REG.
U8007	1203-005599	IC-DC/DC CONVERTER
U9004	1203-006044	IC-DC/DC CONVERTER
U9001	1203-006115	IC-POWER SUPERVISOR
U5001	1203-006766	IC-VOL. DETECTOR
U7001,U8005	1203-006768	IC-DC/DC CONVERTER
U107	1203-006817	IC-POSI.FIXED REG.
U108	1203-006872	IC-MULTI REG.
U100,U8000	1203-006874	IC-MULTI REG.
U8006	1203-006920	IC-BACKLIGHT DRIVER
U7005	1203-007084	IC-RESET
U6000	1203-007142	IC-DC/DC CONVERTER
U7003	1203-007623	IC-BATTERY
U8001	1203-007702	IC-DC/DC CONVERTER
U4001,U6016	1203-007791	IC-POSI.FIXED REG.
U8002	1203-007842	IC-POSI.FIXED REG.
U7002	1203-007909	IC-POWER SUPERVISOR
U5005	1203-007951	IC-POWER SUPERVISOR
U109	1204-003387	IC-REMOTE CONTROL
U9006	1205-003692	IC-EXPANDER
U106	1205-004233	IC-TRANSMITTER
U5002	1205-004513	IC-SWITCH
U8003	1205-004548	IC-TRANSMITTER
U2003	1205-004598	IC-WIFI
U2002	1205-004649	IC-GPS RECEIVER

Design LOC	SEC CODE	Description
U9003	1205-004803	IC-COMM. CONTROLLER
U4003	1205-004804	IC-CODEC
U102	1209-002142	IC-SENSOR
U101	1209-002153	IC-SENSOR
TH7001,TH7002	1404-001694	THERMISTOR-NTC
R6088	2007-000141	R-CHIP
R123,R124	2007-000143	R-CHIP
R5010,R5030	2007-000162	R-CHIP
R8009	2007-000163	R-CHIP
R8004	2007-000170	R-CHIP
R104,R105,R106,R107	2007-001217	R-CHIP
R109,R110,R111,R112	2007-001217	R-CHIP
R113,R114,R115,R116	2007-001217	R-CHIP
R117,R118,R119,R120	2007-001217	R-CHIP
R7000	2007-002796	R-CHIP
R6016,R6103,R6105	2007-002970	R-CHIP
R5025,R5027,R5038	2007-003015	R-CHIP
R9014	2007-007131	R-CHIP
R4002	2007-007137	R-CHIP
R5023,R9023	2007-007142	R-CHIP
R6018,R6019	2007-007307	R-CHIP
R8001	2007-007489	R-CHIP
R6060	2007-007538	R-CHIP
R9011	2007-007590	R-CHIP
R8011	2007-007627	R-CHIP
R127,R128,R5013	2007-007741	R-CHIP
R5018,R7020,R7029	2007-007741	R-CHIP
R7031,R7032,R7033	2007-007741	R-CHIP
R9000,R9001,R9002	2007-007741	R-CHIP
R4016,R4017,R4024	2007-007942	R-CHIP
R4027,R4028	2007-007942	R-CHIP
R4025,R4026	2007-007943	R-CHIP
R8000,R9020	2007-007981	R-CHIP
R4018,R5000,R5006	2007-008045	R-CHIP
R5041,R6021,R6077	2007-008045	R-CHIP
R6109,R7040,R7041	2007-008045	R-CHIP

Design LOC	SEC CODE	Description
R9004	2007-008045	R-CHIP
R131,R132,R2015	2007-008048	R-CHIP
R125,R133,R134,R5014	2007-008052	R-CHIP
R6011,R6012,R6033	2007-008052	R-CHIP
R6034,R6107,R6108	2007-008052	R-CHIP
R5022,R5043,R6026	2007-008055	R-CHIP
R6058,R6080,R7036	2007-008055	R-CHIP
R7043,R8010,R9022	2007-008055	R-CHIP
R9024,R9025	2007-008055	R-CHIP
R6104	2007-008057	R-CHIP
R7002,R7003	2007-008137	R-CHIP
R9021	2007-008210	R-CHIP
R6051,R6094	2007-008298	R-CHIP
R4023	2007-008312	R-CHIP
R6055,R8014	2007-008354	R-CHIP
R5004,R5007	2007-008419	R-CHIP
R5028	2007-008420	R-CHIP
R9015,R9016,R9018	2007-008483	R-CHIP
R9019	2007-008483	R-CHIP
R100,R5021	2007-008486	R-CHIP
R121,R126,R2000	2007-008516	R-CHIP
R2002,R2003,R2023	2007-008516	R-CHIP
R2024,R4011,R4012	2007-008516	R-CHIP
R5001,R5003,R5008	2007-008516	R-CHIP
R5037,R6000,R6005	2007-008516	R-CHIP
R6006,R6007,R6036	2007-008516	R-CHIP
R6038,R7004,R7025	2007-008516	R-CHIP
R9007,R9017	2007-008516	R-CHIP
R6048	2007-008531	R-CHIP
R4004	2007-008588	R-CHIP
R6047	2007-008697	R-CHIP
R7017,R8013	2007-008721	R-CHIP
R9003	2007-008774	R-CHIP
R5005	2007-008800	R-CHIP
R4000,R4019	2007-008806	R-CHIP
R7022	2007-008812	R-CHIP

Design LOC	SEC CODE	Description
R108,R122,R4009	2007-009084	R-CHIP
R4010,R5016,R5031	2007-009084	R-CHIP
R5040,R7014,R8003	2007-009084	R-CHIP
R6027	2007-009111	R-CHIP
R5011	2007-009155	R-CHIP
R129,R130	2007-009158	R-CHIP
R8012	2007-009168	R-CHIP
R2007,R2008,R2009	2007-009171	R-CHIP
R2010,R2011,R6039	2007-009171	R-CHIP
R6040,R6041,R6042	2007-009171	R-CHIP
R6043,R6044,R6045	2007-009171	R-CHIP
R6046,R5042	2007-009171	R-CHIP
R6086	2007-009182	R-CHIP
R6031	2007-009199	R-CHIP
R4021,R4022	2007-009208	R-CHIP
R4001,R6052,R6053	2007-009212	R-CHIP
R6025	2007-009314	R-CHIP
R7030	2007-009323	R-CHIP
R6008,R6009,R6010	2007-009408	R-CHIP
R5009	2007-009793	R-CHIP
R6030	2007-009805	R-CHIP
R6057,R6059	2007-009920	R-CHIP
R7011	2007-009954	R-CHIP
R5012	2007-010856	R-CHIP
C2065	2203-000233	C-CER,CHIP
C2013,C8014,C8020	2203-000254	C-CER,CHIP
C9044	2203-000254	C-CER,CHIP
C6096,C7061	2203-000278	C-CER,CHIP
C8030	2203-000359	C-CER,CHIP
C134,C135	2203-000386	C-CER,CHIP
C4014,C4015,C4016	2203-000425	C-CER,CHIP
C4017	2203-000425	C-CER,CHIP
C7031	2203-000438	C-CER,CHIP
C8024	2203-000489	C-CER,CHIP
C8006	2203-000627	C-CER,CHIP
C4018,C4019	2203-001239	C-CER,CHIP

Design LOC	SEC CODE	Description
C7076,C7086	2203-002687	C-CER,CHIP
C107,C8005	2203-002709	C-CER,CHIP
C6095	2203-003054	C-CER,CHIP
C2020,C5000,C5001	2203-005682	C-CER,CHIP
C5003	2203-005682	C-CER,CHIP
C7043	2203-005717	C-CER,CHIP
C2002,C2006,C7042	2203-005725	C-CER,CHIP
C5025,C5027,C5032	2203-005727	C-CER,CHIP
C2049,C4002,C4003	2203-005729	C-CER,CHIP
C4010,C4011	2203-005729	C-CER,CHIP
C2050	2203-005731	C-CER,CHIP
C4006,C4007,C4012	2203-005732	C-CER,CHIP
C5002	2203-005732	C-CER,CHIP
C5021,C7085	2203-005734	C-CER,CHIP
C2010,C2014	2203-005736	C-CER,CHIP
C2012	2203-005777	C-CER,CHIP
C8022,C8023	2203-005779	C-CER,CHIP
C2008,C2045,C2056	2203-005806	C-CER,CHIP
C4013	2203-005806	C-CER,CHIP
C8012,C8013,C8017	2203-006048	C-CER,CHIP
C8018,C8019,C9026	2203-006048	C-CER,CHIP
C9050	2203-006048	C-CER,CHIP
C126	2203-006121	C-CER,CHIP
C7002	2203-006194	C-CER,CHIP
C7008,C7009,C7068	2203-006208	C-CER,CHIP
C6094	2203-006257	C-CER,CHIP
C2015,C2016,C2026	2203-006305	C-CER,CHIP
C2037,C2046,C2053	2203-006305	C-CER,CHIP
C2057,C2060,C2063	2203-006305	C-CER,CHIP
C2064	2203-006305	C-CER,CHIP
C9014	2203-006348	C-CER,CHIP
C1138,C1139	2203-006377	C-CER,CHIP
C131,C4005,C6080	2203-006399	C-CER,CHIP
C6093,C6097,C6098	2203-006399	C-CER,CHIP
C8003,C8026	2203-006399	C-CER,CHIP
C100,C102,C110,C111	2203-006423	C-CER,CHIP

Design LOC	SEC CODE	Description
C112,C115,C118,C119	2203-006423	C-CER,CHIP
C121,C123,C128,C129	2203-006423	C-CER,CHIP
C136,C2007,C5013	2203-006423	C-CER,CHIP
C6084,C6087,C7082	2203-006423	C-CER,CHIP
C8037,C9000,C9001	2203-006423	C-CER,CHIP
C9004,C9005,C9006	2203-006423	C-CER,CHIP
C9007,C9008,C9009	2203-006423	C-CER,CHIP
C9010	2203-006423	C-CER,CHIP
C114,C130,C4004	2203-006562	C-CER,CHIP
C4008,C4009,C5019	2203-006562	C-CER,CHIP
C5020,C5039,C6079	2203-006562	C-CER,CHIP
C6092,C7000,C7012	2203-006562	C-CER,CHIP
C7013,C7030,C7032	2203-006562	C-CER,CHIP
C7033,C7037,C7041	2203-006562	C-CER,CHIP
C7049,C7056,C7069	2203-006562	C-CER,CHIP
C7070,C7073,C7077	2203-006562	C-CER,CHIP
C7078,C8025,C8038	2203-006562	C-CER,CHIP
C8041,C8042,C9045	2203-006562	C-CER,CHIP
C125	2203-006668	C-CER,CHIP
C7053,C8033	2203-006681	C-CER,CHIP
C2022,C2029,C2034	2203-006707	C-CER,CHIP
C2047	2203-006707	C-CER,CHIP
C5017	2203-006815	C-CER,CHIP
C4021,C5010	2203-006839	C-CER,CHIP
C113,C8034,C8035	2203-006844	C-CER,CHIP
C116,C117,C120,C122	2203-006872	C-CER,CHIP
C127,C2003,C4023	2203-006872	C-CER,CHIP
C4038,C4040,C4041	2203-006872	C-CER,CHIP
C6085,C6086,C7074	2203-006872	C-CER,CHIP
C8000,C8002,C8015	2203-006872	C-CER,CHIP
C8021,C9032	2203-006872	C-CER,CHIP
C5014,C5018,C5023	2203-006978	C-CER,CHIP
C5015	2203-006979	C-CER,CHIP
C9042	2203-007133	C-CER,CHIP
C5011,C6090,C7001	2203-007240	C-CER,CHIP
C7004,C7005,C7006	2203-007240	C-CER,CHIP

Design LOC	SEC CODE	Description
C7007,C7014,C7015	2203-007240	C-CER,CHIP
C7016,C7017,C7018	2203-007240	C-CER,CHIP
C7019,C7045,C7062	2203-007240	C-CER,CHIP
C7063,C7064,C7065	2203-007240	C-CER,CHIP
C7066,C7067,C7071	2203-007240	C-CER,CHIP
C7083,C7084	2203-007240	C-CER,CHIP
C5016,C7075	2203-007269	C-CER,CHIP
C5031,C7046,C7047	2203-007270	C-CER,CHIP
C8027,C8031,C8032	2203-007270	C-CER,CHIP
C9051	2203-007270	C-CER,CHIP
C137,C2036,C7003	2203-007271	C-CER,CHIP
C7020,C7029,C7034	2203-007271	C-CER,CHIP
C7035,C7036,C7038	2203-007271	C-CER,CHIP
C7039,C7050,C7051	2203-007271	C-CER,CHIP
C7081,C9011,C9012	2203-007271	C-CER,CHIP
C9013,C9021,C9022	2203-007271	C-CER,CHIP
C9023,C9024,C9025	2203-007271	C-CER,CHIP
C9027,C9029,C9048	2203-007271	C-CER,CHIP
C9049	2203-007271	C-CER,CHIP
C7023,C7048,C7052	2203-007279	C-CER,CHIP
C7054,C7055	2203-007279	C-CER,CHIP
C4024,C4025,C4029	2203-007317	C-CER,CHIP
C4035,C5004,C8001	2203-007317	C-CER,CHIP
C8004,C9047	2203-007317	C-CER,CHIP
C101,C103,C108,C109	2203-007385	C-CER,CHIP
C138,C139,C8011	2203-007385	C-CER,CHIP
C5040,C6000,C6001	2203-007391	C-CER,CHIP
C6002,C6003,C6004	2203-007391	C-CER,CHIP
C6005,C6006,C6007	2203-007391	C-CER,CHIP
C6008,C6009,C6010	2203-007391	C-CER,CHIP
C6011,C6012,C6013	2203-007391	C-CER,CHIP
C6014,C6015,C6016	2203-007391	C-CER,CHIP
C6017,C6018,C6019	2203-007391	C-CER,CHIP
C6020,C6021,C6022	2203-007391	C-CER,CHIP
C6023,C6024,C6025	2203-007391	C-CER,CHIP
C6026,C6027,C6028	2203-007391	C-CER,CHIP



Design LOC	SEC CODE	Description
C6029,C6030,C6031	2203-007391	C-CER,CHIP
C6032,C6033,C6034	2203-007391	C-CER,CHIP
C6035,C6036,C6037	2203-007391	C-CER,CHIP
C6038,C6039,C6040	2203-007391	C-CER,CHIP
C6041,C6042,C6043	2203-007391	C-CER,CHIP
C6044,C6045,C6046	2203-007391	C-CER,CHIP
C6047,C6048,C6049	2203-007391	C-CER,CHIP
C6050,C6051,C6052	2203-007391	C-CER,CHIP
C6053,C6054,C6055	2203-007391	C-CER,CHIP
C6056,C6057,C6058	2203-007391	C-CER,CHIP
C6059,C6060,C6061	2203-007391	C-CER,CHIP
C6062,C6063,C6064	2203-007391	C-CER,CHIP
C6065,C6066,C6067	2203-007391	C-CER,CHIP
C6068,C6069,C6070	2203-007391	C-CER,CHIP
C6071,C6072,C6073	2203-007391	C-CER,CHIP
C6074,C6075,C6076	2203-007391	C-CER,CHIP
C6077,C6078	2203-007391	C-CER,CHIP
C124,C132,C133,C2042	2203-007393	C-CER,CHIP
C2043,C2061,C6091	2203-007393	C-CER,CHIP
C7011,C7024,C7025	2203-007393	C-CER,CHIP
C7026,C7027,C7028	2203-007393	C-CER,CHIP
C7040,C7044,C7057	2203-007393	C-CER,CHIP
C7058,C7059,C7060	2203-007393	C-CER,CHIP
C7072,C8010	2203-007393	C-CER,CHIP
C105,C106,C2001	2203-007449	C-CER,CHIP
C2005,C2011,C4000	2203-007449	C-CER,CHIP
C4022,C4026,C4027	2203-007449	C-CER,CHIP
C4030,C4031,C4039	2203-007449	C-CER,CHIP
C5009,C5012,C5022	2203-007449	C-CER,CHIP
C5038,C6088,C8007	2203-007449	C-CER,CHIP
C8008,C8009,C8036	2203-007449	C-CER,CHIP
C9002,C9003,C9020	2203-007449	C-CER,CHIP
C9028,C9031,C9035	2203-007449	C-CER,CHIP
C9036,C9037,C9039	2203-007449	C-CER,CHIP
C9040,C9041,C9046	2203-007449	C-CER,CHIP
C5005,C5026	2203-007456	C-CER,CHIP

Design LOC	SEC CODE	Description
C9043	2203-007693	C-CER,CHIP
C4020	2203-007775	C-CER,CHIP
C8029,C8039,C8040	2203-007790	C-CER,CHIP
C5006,C5007	2203-007795	C-CER,CHIP
C104,C2004,C2009	2203-007796	C-CER,CHIP
C2027,C2028,C2032	2203-007796	C-CER,CHIP
C2058,C4033,C4034	2203-007796	C-CER,CHIP
C4036,C4037,C5008	2203-007796	C-CER,CHIP
C5036,C7010,C8028	2203-007796	C-CER,CHIP
C9019,C9030	2203-007796	C-CER,CHIP
C2031,C2033,C2054	2203-008095	C-CER,CHIP
C2024,C2035,C2039	2203-008097	C-CER,CHIP
C2040,C2041,C2044	2203-008097	C-CER,CHIP
C2059,C2062,C8016	2203-008097	C-CER,CHIP
C9015,C9016,C9017	2203-008097	C-CER,CHIP
C9018	2203-008097	C-CER,CHIP
C5024	2203-008126	C-CER,CHIP
C7079,C7080	2203-008527	C-CER,CHIP
C1140	2203-008528	C-CER,CHIP
C4001,TA7001,TA7002	2404-001506	C-TA,CHIP
L2004	2703-002204	INDUCTOR-SMD
L2000	2703-002367	INDUCTOR-SMD
L9004	2703-003485	INDUCTOR-SMD
L6000	2703-003498	INDUCTOR-SMD
L8001	2703-003686	INDUCTOR-SMD
L7011,L9001	2703-003754	INDUCTOR-SMD
L7004,L7006	2703-003911	INDUCTOR-SMD
L7005,L8005	2703-003913	INDUCTOR-SMD
R2001	2703-004012	INDUCTOR-SMD
L5000	2703-004230	INDUCTOR-SMD
L5001	2703-004297	INDUCTOR-SMD
L2011	2703-004338	INDUCTOR-SMD
L2002	2703-004345	INDUCTOR-SMD
L2014	2703-004364	INDUCTOR-SMD
L2003	2703-004366	INDUCTOR-SMD
L8004	2703-004530	INDUCTOR-SMD

Design LOC	SEC CODE	Description
L7000,L7001,L7002	2703-004635	INDUCTOR-SMD
L7003,L7007,L7008	2703-004635	INDUCTOR-SMD
L7009,L7010	2703-004635	INDUCTOR-SMD
L4004,L4005,L4009	2703-004697	INDUCTOR-SMD
L4010	2703-004697	INDUCTOR-SMD
OSC100	2801-004785	CRYSTAL-SMD
OSC8000	2801-004836	CRYSTAL-SMD
OSC6000	2801-005165	CRYSTAL-SMD
OSC2002	2801-005167	CRYSTAL-SMD
OSC7000	2801-005254	CRYSTAL-SMD
OSC2001	2805-001098	OSCILLATOR-TCXO
F5000	2901-001625	FILTER-EMI/ESD
F8001	2901-001673	FILTER-EMI SMD
F8000,F8002,F9000	2901-001674	FILTER-EMI SMD
F9001	2901-001674	FILTER-EMI SMD
F2001,F2002	2904-002085	FILTER-GPS SAW
F2004	2909-001324	FILTER-LC
U2004	2911-000257	DUPLEXER-FEM
U2005	2911-000258	DUPLEXER-FEM
L8000,R2004	3301-001534	BEAD-SMD
L101,L102,L9003	3301-001729	BEAD-SMD
L100	3301-001812	BEAD-SMD
L2001	3301-001895	BEAD-SMD
L9000,L9002	3301-001901	BEAD-SMD
L4011,L4012	3301-001929	BEAD-SMD
L8003	3301-002037	BEAD-SMD
L4000,L4001,L4002	3301-002065	BEAD-SMD
L4003,L4006,L7012	3301-002065	BEAD-SMD
L7013	3301-002065	BEAD-SMD
L4007,L4008	3301-002078	BEAD-SMD
L8002	3301-002085	BEAD-SMD
L5004	3301-002254	BEAD-SMD
SLC5000,SLC8000	3708-002183	CONNECTOR-FPC/FFC/PIC
SLC9000	3708-002781	CONNECTOR-FPC/FFC/PIC
CD9000	3709-001811	CONNECTOR-CARD EDGE
HDC6000,HDC9000	3711-006925	HEADER-BOARD TO BOARD

Design LOC	SEC CODE	Description
HDC9001	3711-006925	HEADER-BOARD TO BOARD
HDC4001	3711-007173	HEADER-BOARD TO BOARD
HDC100,HDC4000	3711-008010	HEADER-BOARD TO BOARD
HDC5000	3711-008010	HEADER-BOARD TO BOARD
HDC9002	3711-008347	HEADER-BOARD TO BOARD
BTC7000	3711-008421	CONNECTOR-HEADER
ANT2001,ANT2002	3712-001458	CONNECTOR-TERMINAL
F2005	4709-001672	FREQ-DISTRIBUTER
F2003	4709-002028	FREQ-DISTRIBUTER
SC1000	GH98-27736A	ASSY COVER-ASSY SHIELD COVER 1
SC1001	GH98-27737A	ASSY COVER-ASSY SHIELD COVER 2
SC1002	GH98-27738A	ASSY COVER-ASSY SHIELD COVER 3

Please consult the GSPN website(Samsung Portal) for the most recent version of the product's part list.